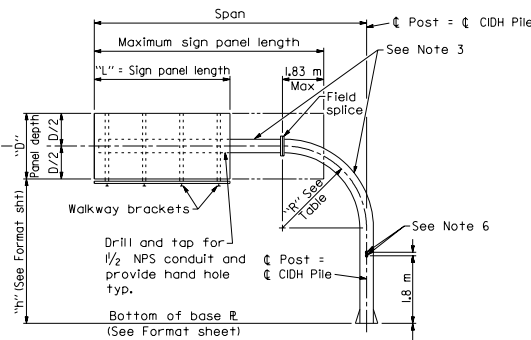


SLANTED POST CANTILEVER

PIPE SELECTION PROCEDURE

- Enter table to proper column with known panel depth "D" and appropriate height "h".
- Read down column to desired span length.
- Determine Pipe Post "Dia" and "R" for elbow by reading to the left horizontally.



VERTICAL POST CANTILEVER

NOTES

- The maximum sign panel overlap onto the post elbow shall not exceed 1.83 m from the field splice.
- When several sign panels are to be installed with a space between the panels, the space shall be as small as possible and 610 mm maximum.
- All posts between base plate and field splice are extra strong pipe. All mast arms are standard pipe.
- During sign erection the post shall be raked as necessary with the use of the leveling nuts to make the sign panel level.
- At final position of post all top and bottom anchor bolt nuts shall be wrench tightened against base plate.
- Drill and tap for 1/2 NPS chase nipples and plug with recessed pipe plugs. Place perpendicular to sign panel axis and away from approaching traffic. See Standard Plan ES-32A.
- NPS - Nominal Pipe Size

		MAXIMUM SPAN						
TYPE	PIPE POST	"D" (mm)	1778	2032	2286	2540	2794	3048
	"R" (m)	"Dia NPS"	"h" (m)	<7.01	<7.01	<7.01	<7.01	<7.01
D	2.44	12	5.8	5.8	5.7	5.4	5.1	4.9
G	2.44	14	6.1	6.1	6.1	5.9	5.6	5.3
K	2.44	16	7.0	7.0	7.0	6.9	6.6	6.2
N	2.44	18	8.8	8.8	8.4	7.9	7.5	7.2
R	2.44	20	9.8	9.8	9.3	8.8	8.4	8.1
T	3.05	24	11.6	11.6	11.0	10.4	9.8	9.3

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TUBULAR
 SINGLE POST TYPE
 LAYOUT AND PIPE SELECTION**

NO SCALE
 ALL DIMENSIONS ARE IN
 MILLIMETERS UNLESS OTHERWISE SHOWN
S40P